

User Guide

Forgot password

Reset Password

Username:

New Password:

Confirm Password:

SAVE CANCEL

SEG Runway Project

Runway Redeclaration

admin

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Log In

Enter the login credentials to access the system.

Link to reset password.

- Menu bar
- File : Export details, Logout
  - Go : Navigate to other interfaces (Airport Manager and User Manager)
  - Tools : Reset system or view, switch between visualization tabs, view calculation breakdown and notification history
  - Info : System information such as project definition, user guide and copyright information
  - View : Switch color theme (color blind), interact with visualization (rotate or zoom)

To toggle between light and dark mode

File Go Tools Info View

Runway Redeclaration

Logged in as admin LOGOUT

AIRPORT

Select an Airport

RUNWAY

Select Physical Runway

OBSTACLE

Select an Obstacle

Obstacle height (m): -

Obstacle width (m): -

Distance From Threshold (m): 0

L/R from Centre Line: L R

Distance from Centre Line (m): 0

Perform Recalculation

Reset ResetView

Top-down View Side-on View Simultaneous View

90.0°

Landing/Taking Off Direction

LDA TODA ASDA TORA

TORA ASDA TODA LDA

Landing/Taking Off Direction

Clear and Graded Area Threshold Stopway Clearway Obstacle Displaced Threshold

0 500 1000 1500 m

Calculation

L	Original	Revised
No content in table		

R	Original	Revised
No content in table		

OTHER DETAILS

Resa (m) = 0

Strip End (m) = 0

Blast Protection (m) = 0

Calculation Breakdown

Calculation Breakdown

RESA = 240.0 m

Strip end = 60.0 m

Blast protection = 300.0 m

OSR

TORA TODA ASDA LDA

TORA = Original TORA - Blast Protection

Distance from Threshold - Displaced Threshold

300.0 - 300.0 - 0.0 - 30.0

270.0

ZFL

TORA TODA ASDA LDA

TORA = Distance from threshold + Displaced Threshold

Strip Calculation - Strip End

300.0 + 0.0 - 12.0\*50.0 - 60.0

200.0

Input and select options, click on 'Perform Recalculation' And view result.

To switch between visualizations

Info buttons

Calculation results

To reset calculator or reset views after panning or zooming

Notification history to check actions performed

Notification History

2023-04-30 08:42:01 Status: View Reset

2023-04-30 08:42:09 Status: RESA Value Changed to 240.0

2023-04-30 08:42:09 Status: Strip End Value Changed to 60.0

2023-04-30 08:42:09 Status: Blast Protection Value Changed to 300.0

2023-04-30 08:42:09 Status: Calculation performed



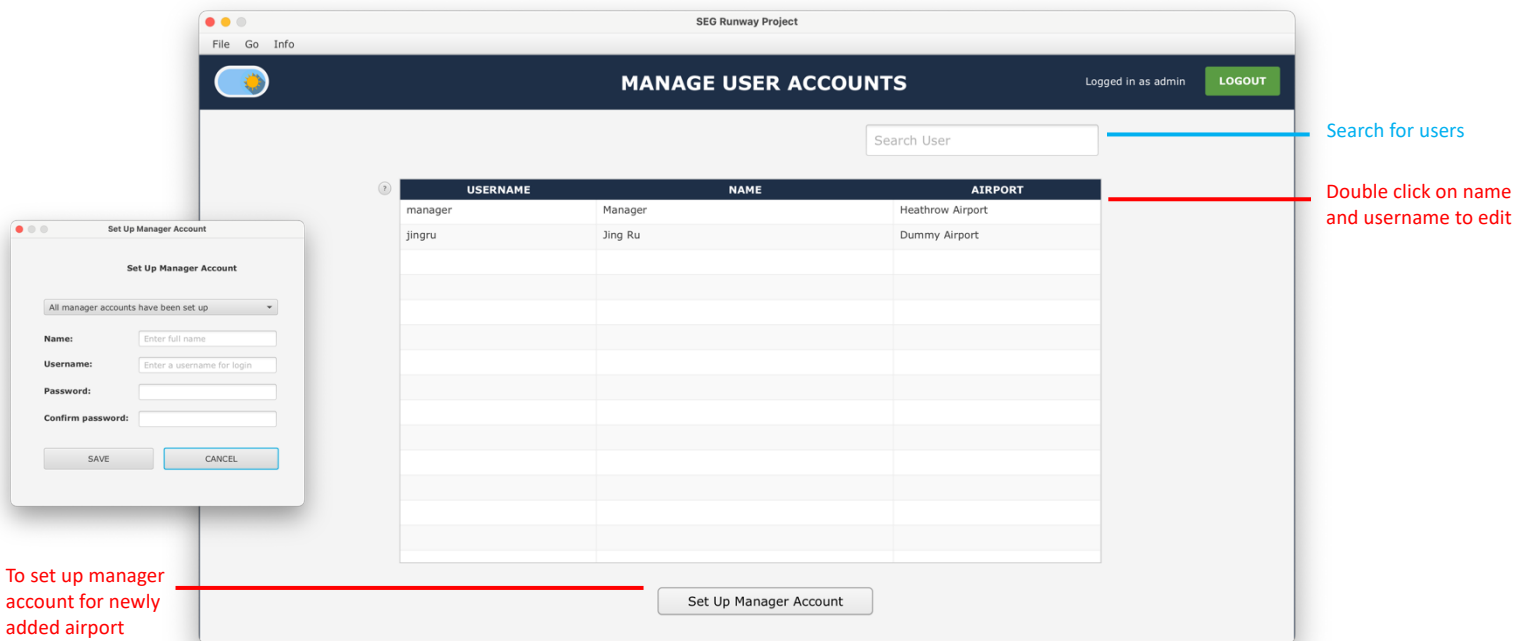


Figure 1 User manager for super admin

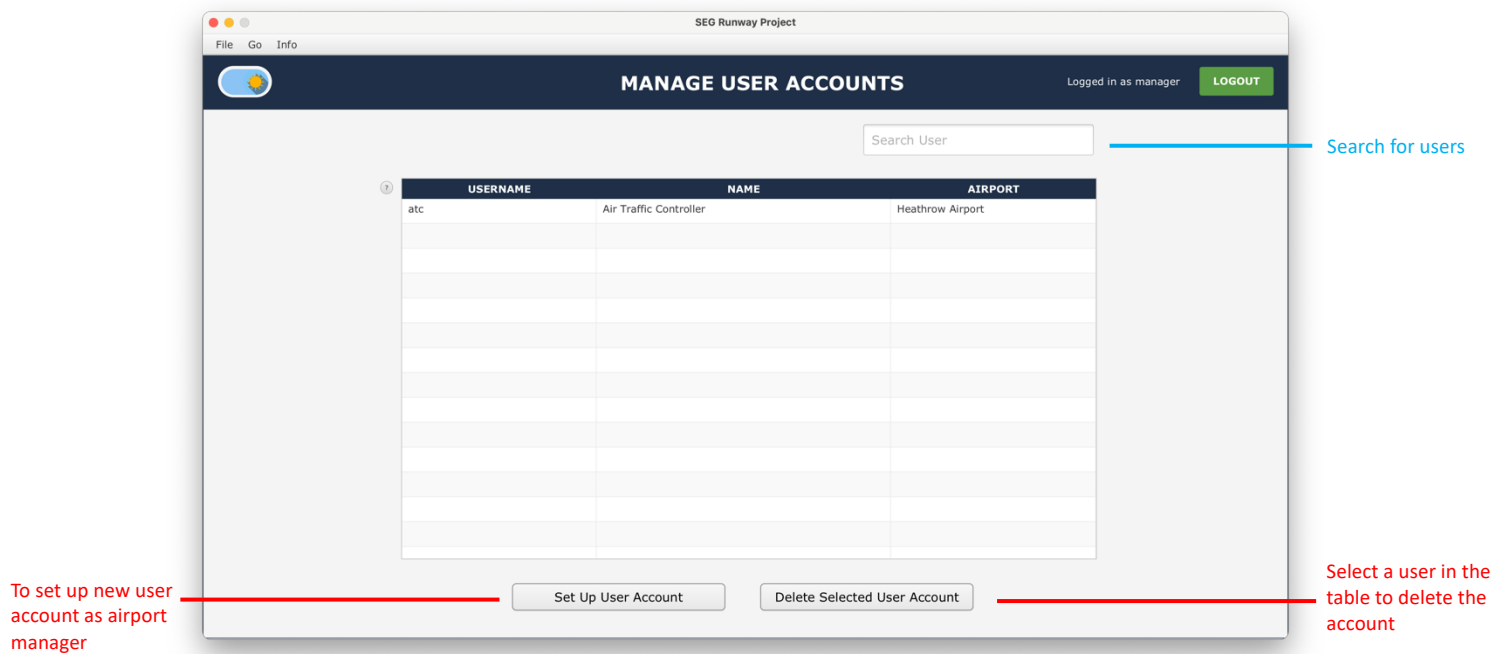


Figure 2 User manager for airport manager

## Frequently asked questions

**Q: Why am I not able to access the airport manager or user manager ?**

A: We have implemented access control so that some users have limited access to functionalities like airport manager and user manager. If you do not have access to those two features, it is most likely that you are logged in as normal user who only has access to the calculator.

**Q: As this is an expert system, and the main user of the system will be an air traffic controller which should only be someone with normal vision, so what is the purpose of implementing the color-blind feature in your system?**

A: The development team have had a discussion on this matter. We too, feel like this feature will not be that useful with the same justification. Online materials posted by aviation authorities also suggest that an air traffic controller will be required to have normal vision. However, we feel that implementing this feature will not take much time and that this is one of the suggestions provided in the project definition, we have decided to include it as a part of our system.